

IN THE SPECIFICATION

Please rewrite the title as follows:

Method ~~of for~~ optically detecting the ~~three-dimensional shape of interior spatial form of~~
~~inside~~ spaces and ~~an arrangement for performing the~~ ~~a device for carrying out~~ said method.

Please insert as a centered heading, prior to page 1, line 3:

FIELD OF THE INVENTION

Please insert as a centered heading, prior to page 1, line 5:

BACKGROUND OF THE INVENTION

Please insert as a centered heading, prior to page 2, line 20:

SUMMARY OF THE INVENTION

Please insert as a centered heading, prior to page 3, line 5:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert as a centered heading, prior to page 3, line 16:

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please rewrite the paragraph beginning on page 5, line 6, as follows:

In the third step the 3D-shape of the interior space is calculated on the basis of the sequence of the images of the marked interior space with the aid of photogrammetrical methods. Such methods can be performed automatically, e.g., by a computer, and are described, e.g., in the following patents: